

WHAT IS CLAIMED IS:

1. A motor vehicle headlight, which comprises a casing enclosing at least one light source and fixed on a chassis, which headlight comprises frangible means of linking the headlight, and in particular the casing to the chassis, which are able to absorb in the course of their rupture at least part of the energy of an impact suffered by the headlight.
2. The headlight as claimed in claim 1, wherein the linking means comprise at least one predetermined rupture zone.
3. The headlight as claimed in claim 2, wherein the casing is reinforced, in particular mechanically, in the vicinity of said rupture zone.
4. The headlight as claimed in claim 3, wherein the linking means comprise a succession of predetermined rupture zones capable of breaking successively during an impact suffered by the headlight, said zones being in particular adjacent to one another.
5. The headlight as claimed in claim 4, wherein the linking means comprise a brace interposed between the casing and the chassis, furnished with a series of collars capable of breaking successively as a result of the bearing of the casing.
6. The headlight as claimed in claim 5, wherein the length of the portion with collars of the brace is between 20 and 150 mm, preferably between 20 and 50 mm.
7. The headlight as claimed in claim 4, wherein the linking means comprise, on the one hand, a cleat mounted movably in a runner and, on the other hand, a row of stops able to be broken successively by the cleat during an impact suffered by the headlight.

8. The headlight as claimed in claim 7, wherein the cleat is carried by the chassis, and wherein the runner and the stops are carried by the casing.

9. The headlight as claimed in claim 8, wherein the stops are formed by partitions projecting from the casing.

10. The headlight as claimed in claim 8, wherein the cleat is an add-on piece.

11. The headlight as claimed in claim 1, wherein the linking means comprise a fixing member able to tear under the effect of an impact suffered by the headlight.

12. The headlight as claimed in claim 11, wherein the fixing member comprises a series of zones able to tear successively during an impact suffered by the headlight.

13. The headlight as claimed in claim 11, wherein the fixing member comprises a zone able to tear progressively during an impact suffered by the headlight.

14. The headlight as claimed in claim 11, wherein the fixing member comprises two parts fixed respectively to the casing and to the chassis, the parts being connected by at least one series of frangible bridges capable of breaking under the effect of a traction exerted on one at least of the parts.

15. The headlight as claimed in claim 14, wherein the two parts are connected by two parallel series of frangible bridges.

16. The headlight as claimed in claim 13, wherein the fixing member comprises at least two parts fixed respectively to the casing and to the chassis, the parts being delimited by a notch over all or part of their length, said notch guiding the tearing between the two parts under the effect of a traction exerted on one of said parts.

17. The headlight as claimed in claim 16, wherein the fixing member comprises three adjacent parts, the middle part being delimited with respect to the other two by a notch.

18. The headlight as claimed in claim 14, wherein the casing comprises means for guiding its own displacement with respect to the chassis during the rupture of the frangible bridges or the tearing along the notch or notches.

19. The headlight as claimed in claim 14, wherein the frangible bridges have less mechanical strength locally due to a reduction in their cross section.

20. The headlight as claimed in claim 18, wherein the guiding means form a pivot link between the casing and the chassis.

21. The headlight as claimed in claim 1, wherein the linking means comprise a functional member of the vehicle.

22. The headlight as claimed in claim 16, wherein the functional member is an air filter.

23. The headlight as claimed in claim 16, wherein the functional member is a screen washer liquid reservoir.

24. The headlight as claimed in claim 1, wherein the frangible elements absorb only part of the energy of

the impact suffered by the headlight, and wherein they are associated with at least one compressible element of the foam type.